



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Guilford PERMIT NO.: 41-16 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDFL	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

1Date of Site Inspection: 08/21/12

Date of Last Inspection: 11/09/11

FACILITY NAME AND ADDRESS:

WCA of High Point, LLC
 (Now doing business as)
 Waste Industries-High Point, C&D Processing Facility and Landfill
 Legal Entity: WI High Point Landfill, LLC
 5830 Riverdale Drive
 Jamestown, N.C. 27282

GPS COORDINATES: **N:** 35.95144 **E:** 79.92173

FACILITY CONTACT NAME AND PHONE NUMBER:

Steve Roberts, General Manager
 Office: 336-886-3560
 Cell: 336-398-4679
 Fax: 336- 886-7496
 e-mail: steve.roberts@wasteindustries.com

FACILITY CONTACT ADDRESS:

Same

PARTICIPANTS:

Steve Roberts, Waste Industries-High Point, General Manager
 Susan Collins, Waste Industries-High Point, Scale House Operator
 Clyde Herrin, Waste Industries-High Point, Lead Operator-Processing Center
 Joe Robertson, Waste Industries-High Point, Lead Operator-Landfill
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Permit to Construct (Reclamation Pad) Issued: March 13, 2003
 Permit to Construct (Phase 1 Construction and Demolition Landfill) Issued: May 14, 2003
 Original Permit to Operate (Phase 1 Cell A C&D Landfill and Reclamation Pad) Issued: February 10, 2004
 Permit to Operate (Operational Plans, Service Area Change, Cells 2&3 C&D LF) Issued: December 9, 2004
 Permit to Operate (Ownership Name Change, Cells 4&5) Issued: December 28, 2007
 Permit to Construct (Phase 2 Landfill) Issued: February 20, 2009
 Permit to Operate (Phase 1; Cells 1,2,3,4,5 C&DLF and Reclamation Pad) Issued: February 20, 2009
 Permit to Operate (Phase 2A C&D LF, Reclamation Pad) Issued: July 21, 2010
 Permit to Operate (Phase 2A C&D LF, Reclamation Pad, Service Area Additions) Issued: May 5, 2011
 Permit Expiration Date: **February 20, 2014**

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PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

NONE

OBSERVED VIOLATIONS

NONE

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

1. The facility consists of a Construction & Demolition Waste Treatment & Processing Operation and a Construction & Demolition Landfill.
2. The facility began operations on February 15, 2004.
3. Service area for the facility includes Guilford, Davidson, Forsyth, Randolph, Rockingham, Caswell, Alamance, Orange, Cabarrus, Rowan, Davie, Yadkin, Surry, and Stokes Counties.
4. WCA was purchased by Waste Industries on March 23, 2012, and assumed operations of the facility on March 26, 2012.
5. A permit application for transfer of ownership was submitted by Waste Industries in April 2012. Operational Plans are to be followed as per the previous Operational Plans approved for WCA.
6. The facility has previously submitted closure/post closure plan and financial responsibility requirements in accordance with 15A NCAC 13B .0547.
7. The permit application and financial responsibility documentation is currently review by the Solid Waste Section Permitting staff.
8. The City of High Point approved the transfer of the franchise agreement from WCA of High Point to WI High Point Landfill, LLC on April 16, 2012 for the operation of a Construction and Demolition Landfill and Reclamation Operation at the site until February 21, 2035. The franchise agreement specifies the service area for the facility as Guilford, Forsyth, Randolph, Davidson, Rockingham, Caswell, Alamance, Orange, Cabarrus, Rowan, Davie, Yadkin, Surry, and Stokes Counties.
9. The City of High Point approved the written/signed transfer of franchise agreement on August 20, 2012 for submittal to the Solid Waste Section
10. Reviewed Permit and Operational Plans for the facility. Note: Operational Plans should be reviewed and updated to address any modifications and corrects due to change of ownership and submitted with the next permit application submittal.
11. The facility has a Storm Water Permit (NCG130000, expiration date May 31, 2013) issued by the Water Quality, Surface Water Protection Branch. Required Storm Water monitoring is being conducted by the facility
12. Reviewed operational records for the facility including tonnage reports (incoming and outgoing materials from the reclamation operations, landfill disposal).
13. The facility receives an average of approximately 200-350 tons per day. Reviewed July 2012 tonnage reports. The facility received (inbound) 8,756.36 tons for the period and outbound tonnages from recycling operations were 596.0 tons. Outbound tonnages includes 4.22 tons of mulch, 3.25 tons of clean concrete, 439.99 tons of shingles, 105.95 tons of scrap steel, 9.73 tons of steel #1-prepared, 15.68 tons of iron-cast, 2.67 tons of aluminum-irony, and 21.26 tons of cardboard.

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14. The Annual Facility Reports submitted by the facility indicated 70,114.53 tons of waste was received at the site for the period July 1, 2011- June 30, 2012. Of that total, 13,035.80 tons were removed from the waste stream and/or recycled at the processing facility (Cardboard-177.7 tons, Shingles-4546.38 tons, Concrete/Rubble/Asphalt-3,130.87 tons, Aluminum- 1.96 tons, Other Metals 1,074.99, and Plastics- 6.71 tons). Total waste disposed in the C&D Landfill for the period was 57,310.25 tons.
15. Reviewed training/operator certification records. The landfill operator certifications on file include: Steve Roberts- Certified Landfill Manager, expiration 06/08/15; Clyde Herrin- Landfill Operations Specialist, expiration 10/08/13; Joe Richardson- Landfill Operations Specialist, expiration 10/08/13; and Susan Collins- Landfill Operations Specialist, expiration 06/03/14.
16. Reviewed the random inspection program, contingency plans, and random inspection reports. One random inspection per day is conducted in accordance to the approved Operations Plan. The facility also conducts approximately 5-6 additional inspections daily (spot checks-general random inspections) of incoming loads for company quality assurance purposes.
17. The facility also maintains "Load Refusal Records" for incoming loads of waste, which were turned away from the site. For the period May 1, 2012- August 13, 2012 load refusal records indicated 17 incoming loads were refused (generally due to the presence of municipal solid waste/household garbage). All load refusals were directed to the City of High MSW Landfill facility.
18. Reviewed the most recent groundwater/surface water semiannual monitoring report on file for the sampling event conducted on July 9, 2012. Concentrations of Vanadium, Iron, Cobalt, and Manganese were detected in the samples. The concentrations were determined to be naturally occurring and represented background levels. No volatile organic or other inorganic compounds were detected in samples from down gradient monitoring wells.
19. Reviewed methane monitoring program. The facility contracts the methane monitoring with Golder Associates utilizing a GEM 2000Plus monitor. The last quarterly methane monitoring event occurred on July 10, 2012 and no measurable amounts of methane were detected in 9 landfill monitoring wells, 5 bore hole locations, or scale house/break room/maintenance areas.
20. Reviewed the facility Asbestos Operations Plan submitted to the Health and Human Services, Health Hazards Control Unit on July 11, 2011. The facility accepts roofing shingles for recycling. Typically, incoming loads of roofing shingles are directed to unload in a designated stock pile area. When the stock pile reaches approximately 200 tons, representatives from S.T. Wooten Corporation (end user of roofing shingles for use in asphalt hot-mix) conducts testing for asbestos. Once the stock pile is certified to be asbestos free, the roofing shingles are processed through the picking line and stockpiled for pick-up by S. T. Wooten.
21. The facility does not accept friable asbestos waste.
22. Observed Construction and Demolition landfill operations.
23. Currently operating in the Phase 2A area (4.7 acre cell).
24. There is approximately 18-20 months of air space remaining in Phase 2A at current disposal rates. The facility is currently in the planning stages for the next permit application submittal for Phase 2 landfill cell expansion.
25. Windblown materials effectively controlled and collected.
26. Working face observed to be small, well controlled, and well compacted.
27. Landfill disposal operations and fill placement are being conducted to prevent storm water infiltration and to prevent ponding of storm water on the landfill and in the tipping deck/working face areas.
28. Adequate soil cover observed from recent daily operations. Fines generated by the treatment and processing operations are taken to the landfill, daily and used as initial cover.
29. Soil cover is applied weekly. Soil for daily cover is stockpiled on the inactive Phase 1 area.
30. Vegetative cover is in place on the inactive, Phase 1, Cells 1-5 areas of the C&D landfill.
31. Additional seeding is to be conducted on in October on selected Phase 1 areas on the northwest side slopes.
32. Mowing of the vegetative cover in the Phase 1 area is typically conducted yearly in spring, summer and fall.
33. Edge of waste markers should be replaced on the interior areas (area facing scale house of Phase 1) and installed in the recently constructed Phase 2A areas. **Note: The edge of waste markers should be replaced and/or installed within 30 days and the Solid Waste Section shall be notified upon completion of installation.**
34. Erosion control measures and sedimentation basins well maintained, no off-site erosion noted.

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35. Facility staff inspects side slopes periodically for weak areas and potential leachate seeps.
36. Roadways well maintained throughout the facility. A water truck is available for dust control of roadways as needed.
37. Monitoring wells observed to be locked and accessible.
38. Observed Treatment and Processing operations.
39. Typically incoming loads of waste are directed to the tipping pad of the treatment and processing facility, and processed through the picking line. The treatment and processing facility tipping/storage pad for processed materials encompasses approximately 3.7 acres, and the entire pad is constructed of concrete pavement.
40. Windblown materials effectively controlled by utilization of fences at the treatment and processing area, no fugitive dust problems were observed. The treatment and processing area is completely enclosed by a perimeter fence.
41. Observed incoming loads of waste. All incoming waste appeared to be consistent with requirements of the permit.
42. The amount of waste to be processed on the incoming waste tipping pad was observed to be minimal and well controlled. The facility has a tarping system to cover waste and the end of the operating day. Note: Permit Condition #28 requires "Only an amount of waste sufficient to begin sorting operations the next day may be left on the tipping pad" and all waste on the tipping pad must be covered by a tarp at the end of the day.
43. Observed the picking line in operation during the inspection.
44. Materials received by the facility are being sorted, processed, and stored as per approved operational plans.
45. Approximately 150 tons of processed shingles are on the storage pad ready for transport by W. T. Wooten.
46. Accumulated concrete and stone has recently been processed and is waiting screening prior to sale.
47. The facility has a horizontal wood grinder for processing wood waste into mulch for sale. Small amount of processed wood waste mulch on site for sale.
48. Metals, cardboard, and other processed recyclables in proper containers.
49. Fines from the picking line process are hauled to the landfill for disposal, daily.
50. A dumpster is located at the reclamation pad and on the landfill for disposal of any incidental unacceptable materials found in incoming loads.
51. Observed end-of-day closure activities of the treatment and processing area and tarping of the tipping pad stockpile.

Please contact me if you have any questions or concerns regarding this inspection report.



Hugh Jernigan
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5093.

Sent on: 08/22/12	X	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Jessica Montie, Solid Waste Compliance Officer
Pat Backus, Solid Waste Permitting